

Converting Colors

$Y_{xy}(122.3030, 0.4876, 0.3472)$

Have a look what the booklet for
Yxy(122.3030, 0.4876, 0.3472)
contains.

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Color

Yxy(71.1847, 0.3687, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3B5
RGB	255, 211, 181
RGB Percent	100%, 83%, 71%
CMY	0.0000, 0.1726, 0.2902
CMYK	0.00, 0.17, 0.29, 0.00
HSL	24°, 100%, 85%
HSV	24°, 29%, 100%
XYZ	72.8848, 71.1847, 53.6109
YIQ	220.7360, 35.8540, -0.0020

Conversions

Conversions Part 2

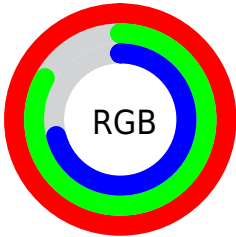
Format	Color
R _Y B	255, 231, 181
Decimal	16765877
CIE Lab	87.57, 11.21, 20.65
CIE LCh	88, 23.495, 61.502
Yxy	71.1847, 0.3687, 0.3601
Android (android.graphics.Color)	4294955957 (0xFFFFD3B5)
YUV	220.7360, -19.5898, 30.0495
Hunter-Lab	84.3710, 6.5497, 21.3858

Details

The Yxy color **71.1847, 0.3687, 0.3601** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.8950, 0.2670, 0.2956**, and the grayscale version is **72.2278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **37.2058, 0.3821, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **63.0457, 0.3940, 0.3713**, and if you desaturate by 10%, it is **80.2179, 0.3466, 0.3489**.

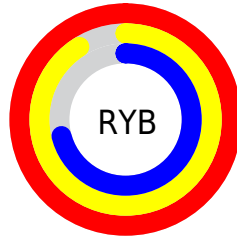
Distribution



Red (100%)

Green (83%)

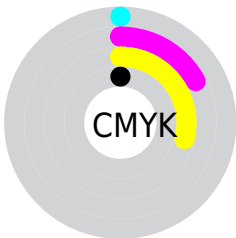
Blue (71%)



Red (100%)

Yellow (91%)

Blue (71%)

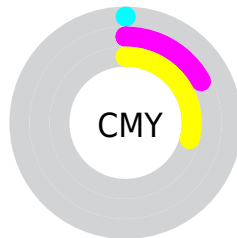


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1847, 0.3687, 0.3601 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.1847, 0.3687, 0.3601 by changing the saturation by 10% instead.


 71.1847, 0.3687,
0.3601

 71.1847, 0.3687,
0.3601


464.6988, 0.3425,
0.3462

 52.4929, 0.3747,
0.3631

 120.8967, 0.3596,
0.3554

 37.3981, 0.3822,
0.3668


152.6857, 0.3560,
0.3535

 25.5159, 0.3916,
0.3712


189.6092, 0.3530,
0.3519

 16.4618, 0.4039,
0.3768

232.0517, 0.3504,
0.3505

 9.8515, 0.4206,
0.3838

280.3975, 0.3480,
0.3492

 5.3006, 0.4442,
0.3927

335.0310, 0.3460,

 2.4247, 0.4819,

0.3481

0.4053

396.3367, 0.3442,
0.3471

0.8386, 0.5657,
0.4343

0.0000, 1.0000,
0.0000

71.1847, 0.3687,
0.3601

71.1847, 0.3687,
0.3601

63.0457, 0.3940,
0.3713

80.2179, 0.3466,
0.3489

55.7830, 0.4224,
0.3817

90.1860, 0.3276,
0.3382

49.3608, 0.4534,
0.3905

100.0000, 0.3127,
0.3290

43.7448, 0.4857,
0.3963

■ 38.8979, 0.5175,
0.3979

■ 34.7790, 0.5460,
0.3942

■ 31.3371, 0.5693,
0.3854

■ 31.0326, 0.5715,
0.3845

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1847, 0.3659, 0.3374



71.1847, 0.3687, 0.3601



71.1847, 0.3559, 0.3760

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1847, 0.3687, 0.3601



71.1847, 0.2779, 0.3438



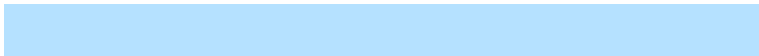
71.1847, 0.2922, 0.2834

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



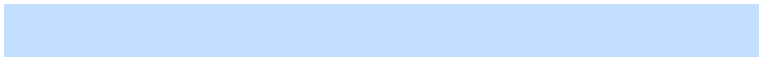
71.1847, 0.3687, 0.3601



70.8950, 0.2670, 0.2956

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1847, 0.2702, 0.2831



71.1847, 0.3687, 0.3601



71.1847, 0.2623, 0.3167

Square

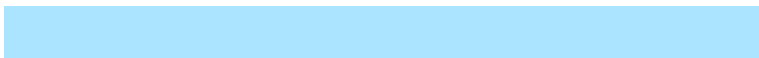
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1847, 0.3687, 0.3601



71.1847, 0.3031, 0.3675



71.1847, 0.2596, 0.2948



71.1847, 0.3206, 0.2945

Rectangle

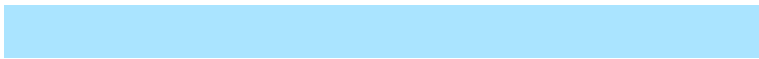
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1847, 0.3687, 0.3601



71.1847, 0.3406, 0.3799



71.1847, 0.2596, 0.2948



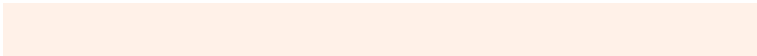
71.1847, 0.2838, 0.2820

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.1806, 0.3687, 0.3601



90.2086, 0.3275, 0.3382



59.7636, 0.3393, 0.2840



18.9852, 0.3301, 0.3397



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1806, 0.3687, 0.3601



66.2106, 0.3834, 0.3668



91.4848, 0.3586, 0.3952



19.1958, 0.3284, 0.3387



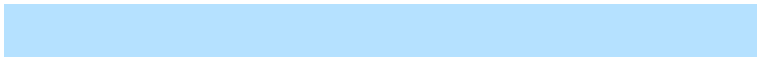
16.4898, 0.5685, 0.3868



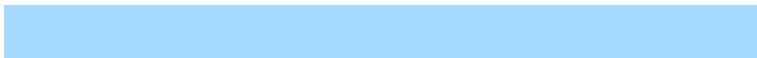
1.8134, 0.5479, 0.4032

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70.8950, 0.2670, 0.2956



65.8709, 0.2576, 0.2875



53.1787, 0.2623, 0.2529



19.1740, 0.2979, 0.3191



15.7461, 0.1862, 0.1901



1.7478, 0.1910, 0.2075

Previews

White Background



This preview shows how the Yxy color 71.1847, 0.3687, 0.3601 looks on a white background.

Color Contrast Check

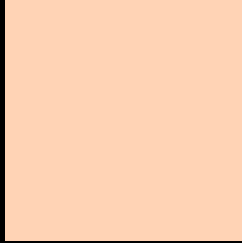
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.1847, 0.3687, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1847, 0.3687, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 71.1847, 0.3687, 0.3601.



This preview shows how white text looks on a background with the Yxy color 71.1847, 0.3687, 0.3601.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.1847, 0.3687, 0.3601

Protanopia

71.3216, 0.3458, 0.3661

Deuteranopia

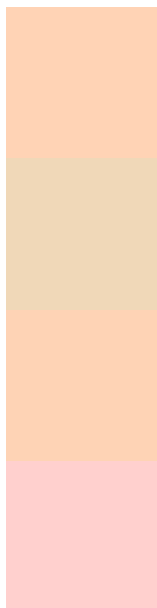
70.9956, 0.3679, 0.3602



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.1847, 0.3687, 0.3601

Protanomaly

71.0977, 0.3534, 0.3634

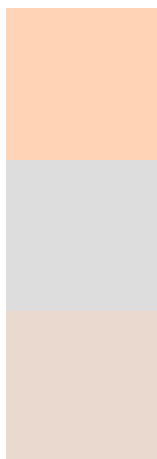
Deuteranomaly

70.9956, 0.3679, 0.3602

Tritanomaly

70.8280, 0.3504, 0.3312

Monochromacy



Original Color

71.1847, 0.3687, 0.3601

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.4056, 0.3321, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1847, 0.3687, 0.3601 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 181) }
```

Border

The CSS property to change the border of an element to Yxy 71.1847, 0.3687, 0.3601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 211, 181) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 211, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1847, 0.3687, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
211, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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